

[File 351] Derwent WPI 1963-2008/UD=200802

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WPI Acc no: 1990-280833/199037

XRPX Acc No: N1990-216601

**Regulating transmitter radiation power - by measuring forward channel transmission factor error dispersion and transmitting it along feedback channel**

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Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
SU 1524188	A	19891123	SU 4282727	A	19870713	199037	B

Priority Applications (no., kind, date): SU 4282727 A 19870713

#### Alerting Abstract SU A

The RMS value of the forward channel transmission factor error is determined and the dynamic value of transmitter power is calculated and established. The control signal is formed according to the value of the dynamic power of the transmitter.

The line consisting of stations A,B, comprises each of signal combining unit (1), modulator (2), transmitter (3), transmitting aerial (4), receiving aerial (5), receiver (6), control unit (7), channel transmission factor meter (8), remote control signal shaper (9), transmission factor error dispersion meter (10), errors RMS calculator (11) and required power meter (12).

USE - For regulating radiation power in communication radio relay lines with slow fading.

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**Title Terms /Index Terms/Additional Words:** REGULATE; TRANSMIT; RADIATE; POUR; MEASURE; FORWARD; CHANNEL; TRANSMISSION; FACTOR; ERROR; DISPERSE; FEEDBACK

#### Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
H04B-0007/14	A	I		R	20060101
H04B-0007/14	C	I		R	20060101

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DWPI Class: W02

Manual Codes (EPI/S-X): W02-C03B

#### Original Publication Data by Authority

## **Soviet Union**

**Publication No.** SU 1524188 A (Update 199037 B)

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